

# BEAVER BROOK CULVERT UPDATE

## DESIGN AND REGULATORY REVIEW

Bids for the design of the culvert replacement were received and then reviewed by the Massachusetts Department of Transportation (DOT) Highway Department as required. The contract for the designer was expedited and signed today (October 17, 2014).

The bid selected indicated it would take up to 45 days to get the design and geotechnical work done. That was shortened to 21 days for the preparation of the regulatory review materials and the design.

Once the design is completed, it will be submitted simultaneously to the Waltham Conservation Commission, DOT, Massachusetts Department of Environmental Protection (DEP), and the U.S. Army Corps of Engineers since the Beaver Brook is a wetland under local, state and federal jurisdiction. Once an Order of Conditions is issued by the Waltham Conservation Commission, the design will immediately be put out to bid for construction. In addition to having the DOT team out on site, we have met with the Massachusetts Department of Conservation and Recreation (DCR), National Grid and have been in touch with the U.S. Army Corps of Engineers. The City Engineer updated the Waltham Conservation Commission at its last meeting.

National Grid has a gas main in the culvert which needs to be abandoned before the culvert can be replaced. To do that, National Grid needs to update some neighborhood streets: Upton, Brookfield and Shirley. National Grid is going to expedite that construction which normally would take 8-10 weeks. The Ward 4 Councillor will be scheduling a neighborhood meeting shortly with city and National Grid representatives.

## TIMELINE

October 18, 2014: Survey team out on site.

October 29 and 30, 2014: Required geotechnical borings and testing will be done.

November 6, 2014: Final design due.

## CONSTRUCTION

National Grid anticipates that the abandonment of the main will take three (3) days after the neighborhood gas line upgrades are completed.

The actual replacement of the culvert will take approximately three (3) days and will be done preferably on a weekend.

The required regulatory review needs to be done before the actual construction of the culvert can begin, and we are expediting that as much as we are able to do so.

# Beaver St Culvert Traffic Plan

The emergency traffic plan for the Beaver Street culvert that was put into place will be amended starting tonight, 9/24/2014, at 10:00PM as follows:

## Westbound Traffic (from Warren Street)

Vehicular traffic of ALL weights will be allowed to travel westbound over the culvert on Beaver St.

## Eastbound Traffic (from Waverley Oaks Road side)

ALL eastbound vehicular traffic will be detoured at Waverley Oaks Rd to either Trapelo Road for access to Warren St or to Linden St for access to Main Street/Route 20.

(Access to the American Legion, Shell gas station and 135 Beaver St will be available)

**\*Access to emergency services will not be affected by these changes\***

